

Exhibit 4: Topics Covered by Early Childhood Education Curriculum Guidance Documents*

Reported by National Research Coordinators

Country	National Early Childhood Education Curriculum Guidance Documents		Socio-Emotional Development		Physical Development and Health Education		Oral Language Development and Communication Skills		Reading and Literacy Skills		Mathematics		Science	
	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE
Armenia	●	○	○	●	○	●	○	●	○	●	○	●	○	○
Australia	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bahrain	●	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a
Belgium (Flemish)	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Botswana	●	●	○	●	○	●	○	●	○	●	○	●	○	●
Bulgaria	●	●	●	●	●	●	○	●	○	●	○	●	○	●
Canada	○	Varies by province	○	●	○	●	○	●	○	●	○	●	○	●
Chile	●	●	●	●	●	●	●	●	●	●	●	○	○	○
Chinese Taipei	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Croatia	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cyprus	●	●	○	●	○	●	○	●	○	●	○	●	○	●
Czech Republic	○	●	○	●	○	●	○	●	○	●	○	●	○	●
Denmark	●	●	●	●	●	●	○	○	○	○	○	●	●	●
Egypt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
England	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Finland	○	●	○	●	○	●	○	○	○	○	○	○	○	○
France	○	●	○	●	○	●	○	●	○	●	○	●	○	●
Georgia	●	●	●	●	●	●	●	●	○	●	●	●	●	●
Germany	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Hong Kong SAR	○	●	○	○	○	●	○	○	○	○	○	○	○	○
Hungary	○	●	○	●	○	●	○	○	○	○	○	○	○	○
Indonesia	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Iran, Islamic Rep. of	○	●	○	●	○	●	○	○	○	○	○	○	○	○
Ireland	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Israel	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Italy	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Japan	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Jordan	○	●	○	●	○	●	○	○	○	○	○	○	○	○
Kazakhstan	●	●	○	●	●	●	●	●	○	●	○	●	○	●
Korea, Rep. of	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Kuwait	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	○
Lebanon	●	●	○	●	○	●	○	○	○	○	○	○	○	○
Lithuania	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Malaysia	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Malta	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Morocco	○	●	○	●	○	●	○	○	○	○	○	○	○	○
Netherlands	○	○	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
New Zealand	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Northern Ireland	●	●	○	●	○	●	○	●	○	○	○	○	○	○
Norway	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Oman	○	○	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Poland	○	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●	n/a	●
Portugal	○	●	○	●	○	●	○	○	○	○	○	○	○	○
Qatar	●	●	○	●	○	○	○	○	○	○	○	○	○	○
Russian Federation	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Saudi Arabia	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Serbia	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Singapore	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Slovak Republic	○	●	○	●	○	●	○	○	○	○	○	○	○	○
Slovenia	●	●	●	●	●	●	●	●	●	●	●	●	●	●
South Africa	○	●	○	●	○	●	○	○	○	○	○	○	○	○
Spain	○	●	○	●	○	●	○	○	○	○	○	○	○	○
Sweden	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Thailand	●	●	●	●	●	●	●	●	○	○	○	○	○	○
Turkey	●	●	●	●	●	●	●	●	○	○	○	○	○	○
United Arab Emirates	●	●	●	●	●	●	●	●	●	●	●	●	●	○
United States	Varies by state	Varies by state	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

● Yes
○ No

* ECED (Early Childhood Education Development) programs are for children under age 3 and PPE (Preprimary Education) programs include Kindergarten for children age 3 or older. A dash (-) indicates data not provided.

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

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 (Continued)**

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	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE	ECED	PPE
Benchmarking Participants—Responses Pertain to Benchmarking Provinces/Emirates/States														
Buenos Aires, Argentina	○	○	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Ontario, Canada	○	●	○	●	○	●	○	●	○	●	○	●	○	○
Quebec, Canada	●	●	●	●	●	●	●	●	○	●	○	●	○	●
Abu Dhabi, UAE	○	●	○	●	○	●	○	●	○	●	○	●	○	●
Dubai, UAE	●	●	●	●	●	●	●	●	●	●	●	●	●	○
Florida, US	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● Yes
 ○ No

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